

What is claimed is:

1. A lead for pet comprising:

a portable electric power generator including an enclosure incorporating an electric power generator, a cable installed for being wound out from and into the enclosure, the integrated electric power generator for generating electricity inside the enclosure using a force applied to the cable, and a power supply cable for supplying the generated electricity;

a lead connected with one end of said cable of said portable electric power generator at one end, and used for holding said power supply cable inside or outside in parallel;

a joint installed on the other end of said lead, and used for detachably attaching the lead to a collar; and

a power supply line connector attached to an end of said power supply cable close to said joint.

2. A collar for pet comprising:

a jack for power supply cable disposed on the outside surface of said collar;

a power supply line disposed in the lengthwise direction of said

collar starting from said jack for power supply;

an electric connector disposed on an end of said power supply line;

and

a joint for detachably attaching a lead.

3. An electronic device attached to pet comprising:

detecting means for detecting the existence of another collar attached to a neck of the same pet;

memorizing means for memorizing a program invoked on detecting the absence of said another collar by said detecting means;

a power supply unit; and

a joint for being attached to a collar of a pet.

4. A collar for pet including said electronic device attached to pet according to claim 3 installed on the outside surface.

5. A collar for pet constituted by connecting said electric connector of said collar for pet according to claim 2 with said power supply unit of said collar for pet according to claim 4.

6. An electronic device attached to pet disposed on a collar of a pet, and used for wirelessly reporting the status of the pet, the device

comprising:

a battery for supplying individual units with electric power;

a GPS unit for detecting the current location;

an antenna unit for wireless transmission/reception; and

a wireless data communication unit for using said antenna unit to wirelessly transmit/receive data,

wherein said wireless data communication unit is used to transmit a message including information on remaining energy amount of said battery, and said current location to the outside.

7. An electronic device attached to pet disposed on a collar of a pet, and used for wirelessly reporting the status of the pet, the device comprising:

a rechargeable battery for supplying individual units with electric power;

a jack for accepting plug for supplying electricity for charging;

an interface circuit for charging capable of detecting the existence of said plug inside said jack; and

memorizing means for memorizing a program invoked on detecting

the absence of said plug inside said jack by said interface circuit for charging.

8. An electronic device attached to pet disposed on a collar of a pet, and used for wirelessly reporting the status of the pet, the device comprising:

a battery for supplying individual units with electric power;

a GPS unit for detecting the current location;

an antenna unit for wireless transmission/reception;

a wireless data communication unit for using said antenna unit to wirelessly transmit/receive data; and

collar pullout detecting means for detecting pullout of a collar from a neck of a pet,

wherein said wireless data communication unit is used to wirelessly transmit a message including identification information of said pet, and information indicating that the pet has gotten lost to a predetermined destination when said detecting means detects the collar pullout.

9. An electronic device attached to pet disposed on a collar of a pet, and used for wirelessly reporting the status of the pet, the device

comprising:

a rechargeable battery for supplying individual units with electric power;

a charging interface circuit for charging said rechargeable battery, and simultaneously detecting the charge status;

a GPS unit for detecting the current location;

an antenna unit for wireless transmission/reception;

a wireless data communication unit for using said antenna unit to wirelessly transmit/receive data; and

detecting means for detecting the occurrence of a stray status where said GPS unit detects a location away from a registered location by a predetermined distance, and simultaneously said charging interface circuit has not detected the charge of said rechargeable battery for more than a predetermined period,

wherein said wireless data communication unit is used to wirelessly transmit a message including identification information of a pet, and information indicating that the pet has gotten lost to a predetermined destination when said detecting means detects an occurrence of said stray

status.

10. An electronic device attached to pet disposed on a collar of a pet, and used for wirelessly reporting the status of the pet, the device comprising:

a rechargeable battery for supplying individual units with electric power;

a charging interface circuit for charging said rechargeable battery, and simultaneously detecting the charge status;

a GPS unit for detecting the current location;

an antenna unit for wireless transmission/reception;

a wireless data communication unit for using said antenna unit to wirelessly transmit/receive data; and

detecting means for detecting an occurrence of a stray status of a pet wearing said collar,

wherein said wireless data communication unit is used to wirelessly transmit a message including identification information of a pet, and information indicating that the pet has gotten lost to a predetermined destination when said detecting means detects an occurrence of said stray

status.

11. An electronic device attached to pet disposed on a collar of a pet, and used for wirelessly reporting the status of the pet, the device comprising:

a rechargeable battery for supplying individual units with electric power;

a charging interface circuit for charging said rechargeable battery, and simultaneously detecting the charge status;

a GPS unit for detecting the current location;

an antenna unit for wireless transmission/reception;

a wireless data communication unit for using said antenna unit to wirelessly transmit/receive data; and

detecting means for detecting the occurrence of a stray status of a pet wearing said collar,

wherein said wireless data communication unit is used to wirelessly transmit a message including identification information of the pet, information indicating that the pet has gotten lost, and the current location of the pet detected by said GPS unit to a predetermined destination when

said detecting means detects an occurrence of said stray status.

12. A pet search center comprising:

report receiving means for receiving a report including identification information of a pet, and reporting that the pet has got lost;

reading out means for reading out a registered image and characteristic of the pet from a database based on said identification information on said stray pet obtained from said report receiving means; and

search requesting means for transmitting said information read out by said reading out means along with information requesting search for said pet to a predetermined destination.